



1061597

**FIELD MODIFICATION APPROVAL FORM****LFM-OU3-05***Libby OU3 Phase I Sampling & Analysis Plan*

Requested by: Kathy Tegtmeyer, NewFields

Date: 11/2/07

**ADMINISTRATIVE RECORD**

## Description of Deviation:

This field modification applies to the descriptions of extractable petroleum hydrocarbon (EPH) analyses provided in Sections 6.2.1 (page 41) and 6.2.2 (page 42) of the Final Phase I Sampling and Analysis Plan (SAP). The SAP specifies that soil and sediment samples with greater than 50 mg/Kg EPH and water samples with greater than 300 µg/L EPH be analyzed for a listed group of compounds. The lists of compounds on pages 41 and 42 are to be replaced with the following:

C9-C18 Aliphatics  
C19-C36 Aliphatics  
C11-C22 Aromatics  
Acenaphthene  
Anthracene  
Benz(a)anthracene  
Benzo(a)pyrene  
Benzo(b)fluoranthene

Benzo(k)fluoranthene  
Chrysene  
Dibenzo(a,h)anthracene  
Fluoranthene  
Fluorene  
Indeno(1,2,3-cd)pyrene  
Naphthalene  
Pyrene

The compounds listed above are the petroleum hydrocarbon compounds with State of Montana risk-based screening levels under their Tier 1 risk-based corrective action evaluation process for petroleum hydrocarbon releases (Montana Department of Environmental Quality, 2003. *Montana Tier 1 Risk Based Corrective Action Guidance for Petroleum Releases*).

Chromatograms generated for analyses of C9-C36 aliphatics and C11-C22 aromatics will be recorded and reported by Energy Laboratories. Chromatograms will be maintained in the project record for possible future reference.

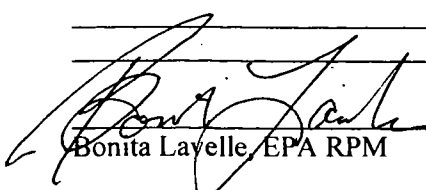
☒ EPA Region 8 has reviewed this field modification approves as proposed.

☐ EPA Region 8 has reviewed this field modification and approves with the following exceptions:

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☐ EPA Region 8 has reviewed this field modification and does not agree with the proposed approach for the following reasons:

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\_\_\_\_\_  
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Bonita Lavelle, EPA RPM

11/0/07  
Date